Assay Class:	High Sensitivity DNA Assay
Data Path:	C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
Modified: 1/31/2014 2:58:07 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name:	DE13701086	Firmware:	C.01.069
Serial#:	DE13701086	Type:	G2938B

Assay Information:

Assay Origin Path:	C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class:	High Sensitivity DNA Assay
Version:	1.03
Assay Comments:	Copyright © 2003-2010 Agilent Technologies

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

sample P1

sample #4 Re

sample miHIEC 2

sample miHIEC 4

sample P2-1

sample P1box

sample Eva-12x

sample Violeta 4

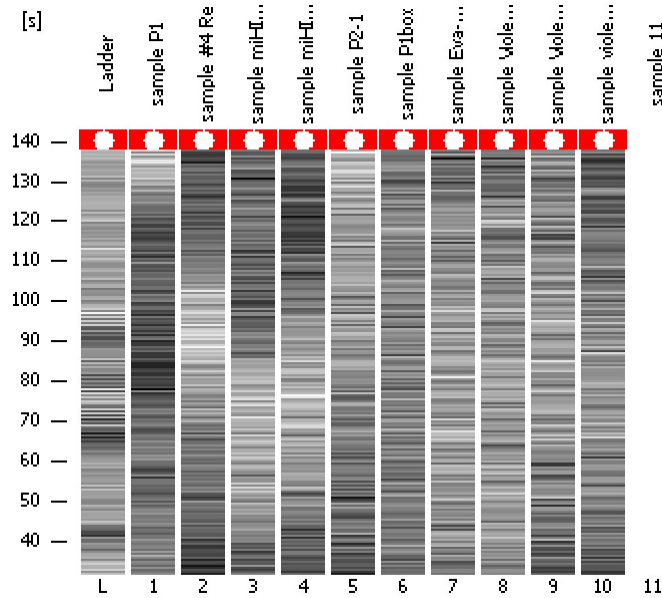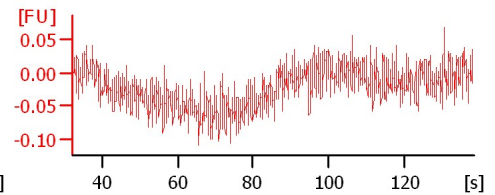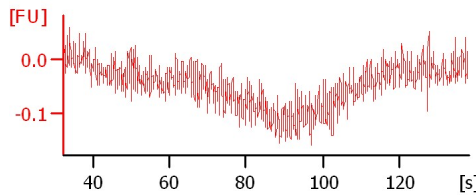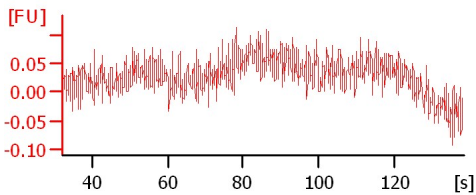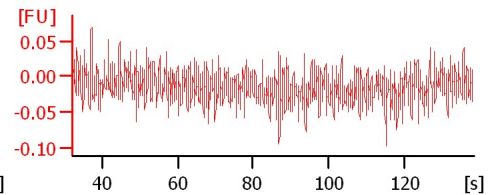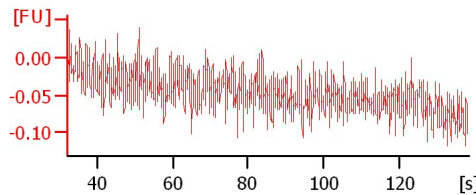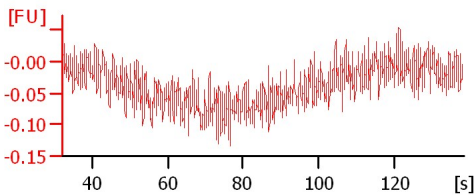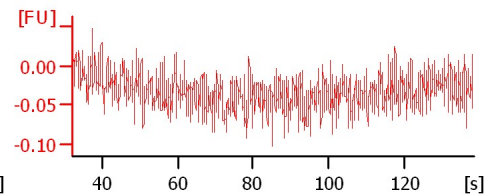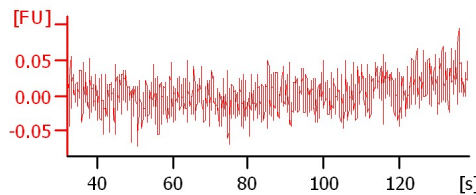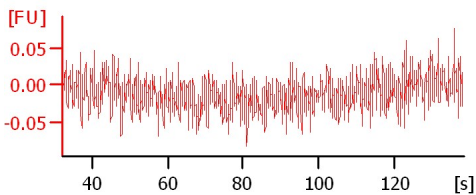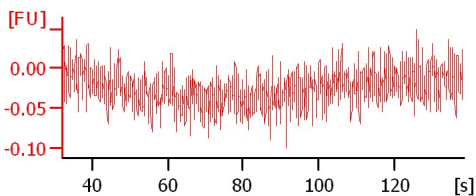sample Violeta 19

sample violeta 20

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
Modified: 1/31/2014 2:58:07 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample P1		☐	✔			
sample #4 Re		☐	✔			
sample miHIEC 2		☐	✔			
sample miHIEC 4		☐	✔			
sample P2-1		☐	✔			
sample P1box		☐	✔			
sample Eva-12x		☐	✔			
sample Violeta 4		☐	✔			
sample Violeta 19		☐	✔			
sample violeta 20		☐	✔			
sample 11		☐				
Ladder		☐	✔			

Chip Lot #   **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
Modified: 1/31/2014 2:58:07 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/µl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/µl] : 125
Upper Marker Concentration [pg/µl] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

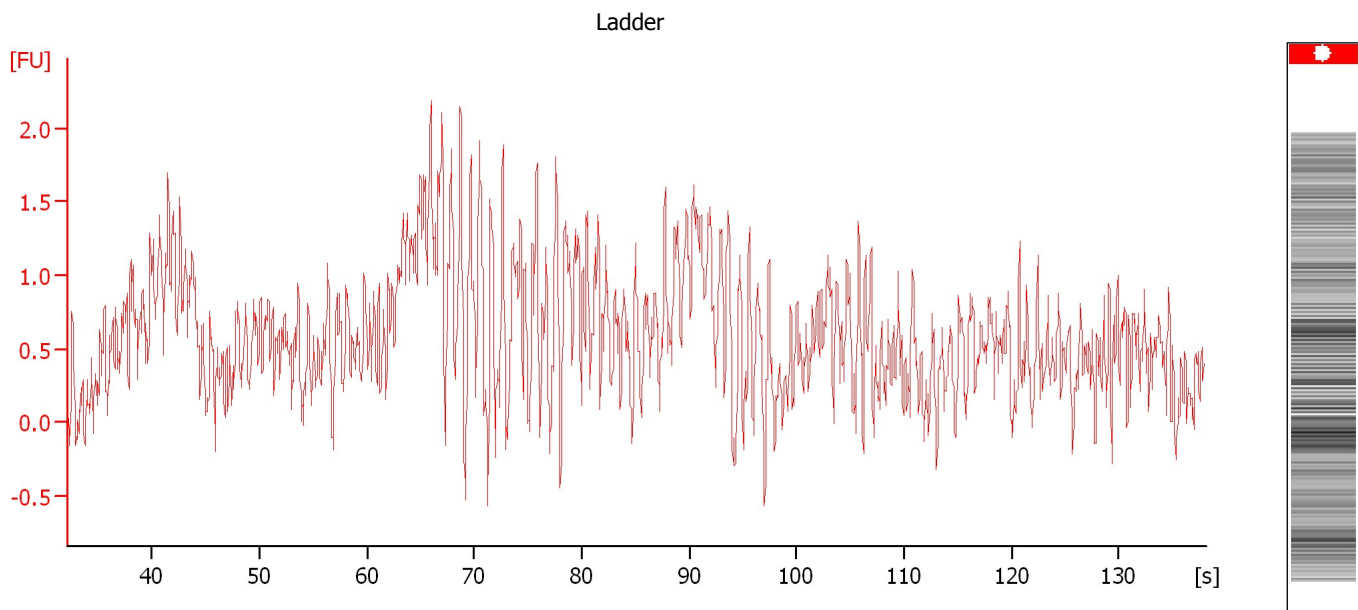Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
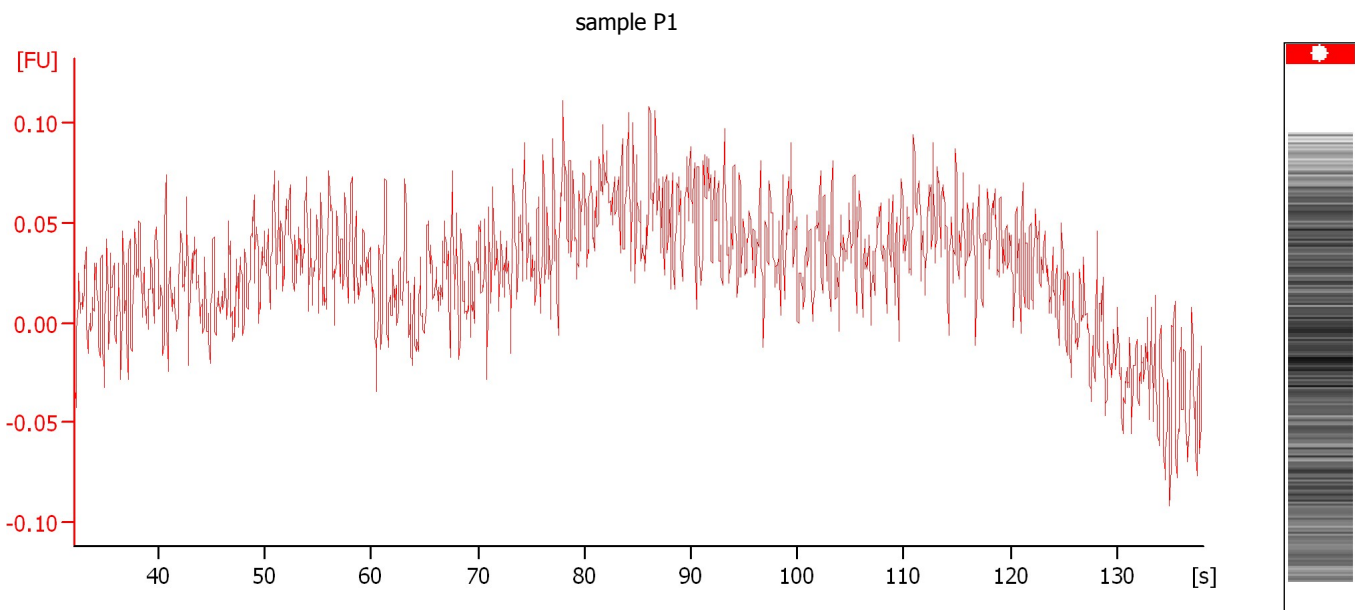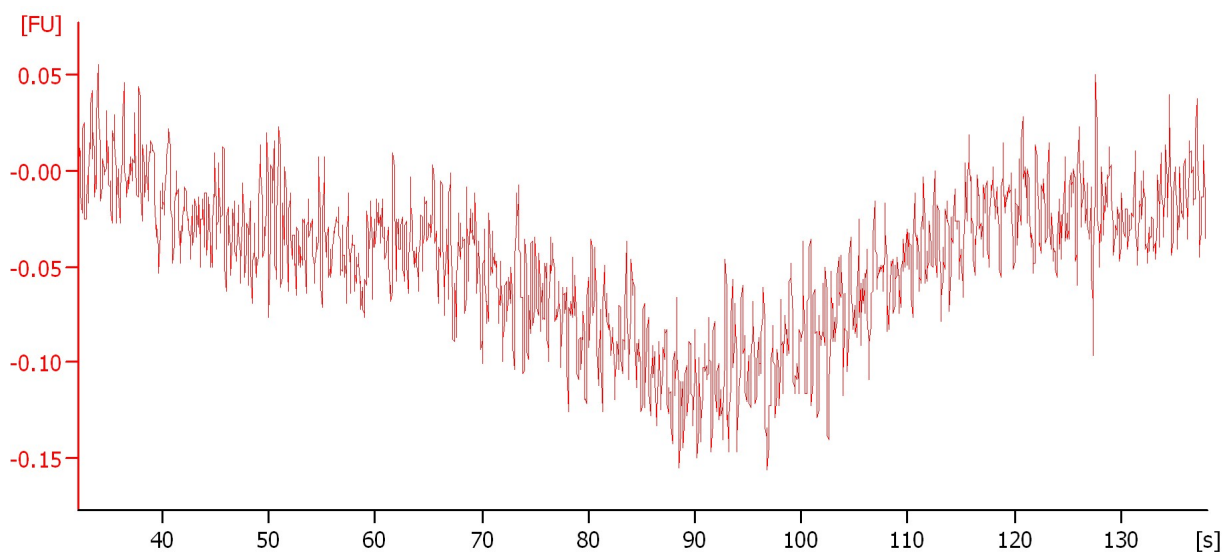Modified: 1/31/2014 2:58:07 PM

Electropherogram Summary

Ladder

Overall Results for Ladder

Noise: 0.5

Electropherogram Summary Continued ...

sample P1

Overall Results for sample 1 :   sample P1

Noise: 0.0

Assay Class: High Sensitivity DNA Assay   Created: 1/31/2014 2:19:15 PM
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad   Modified: 1/31/2014 2:58:07 PM

Electropherogram Summary Continued ...

sample #4 Re

Overall Results for sample 2 :   sample #4 Re
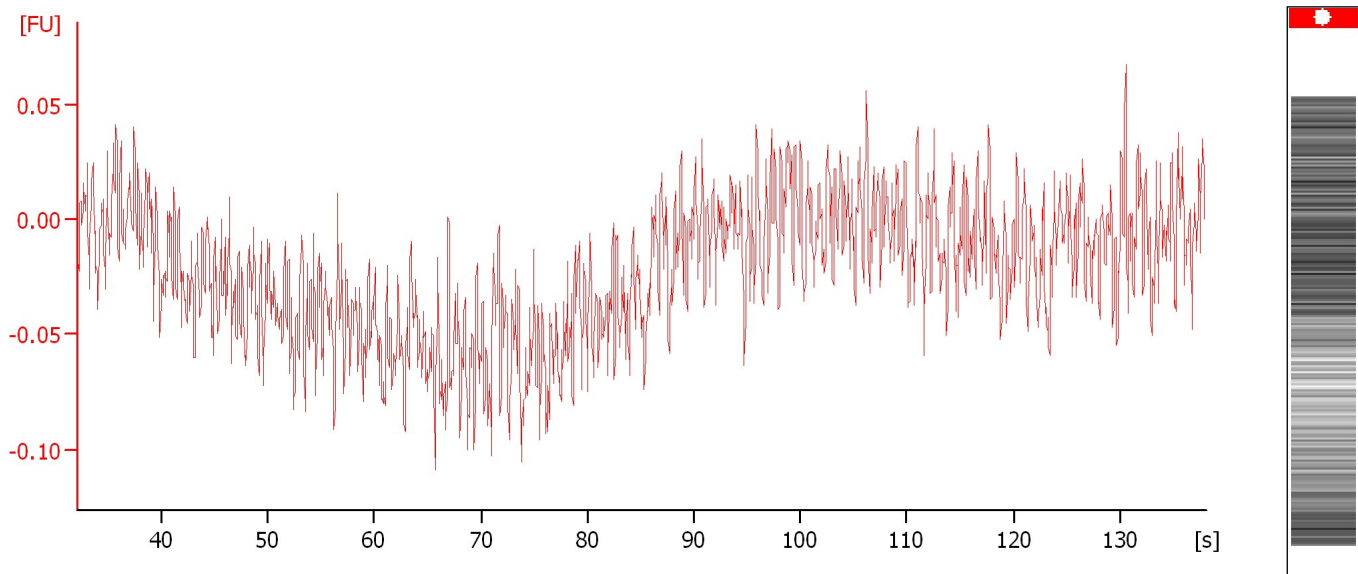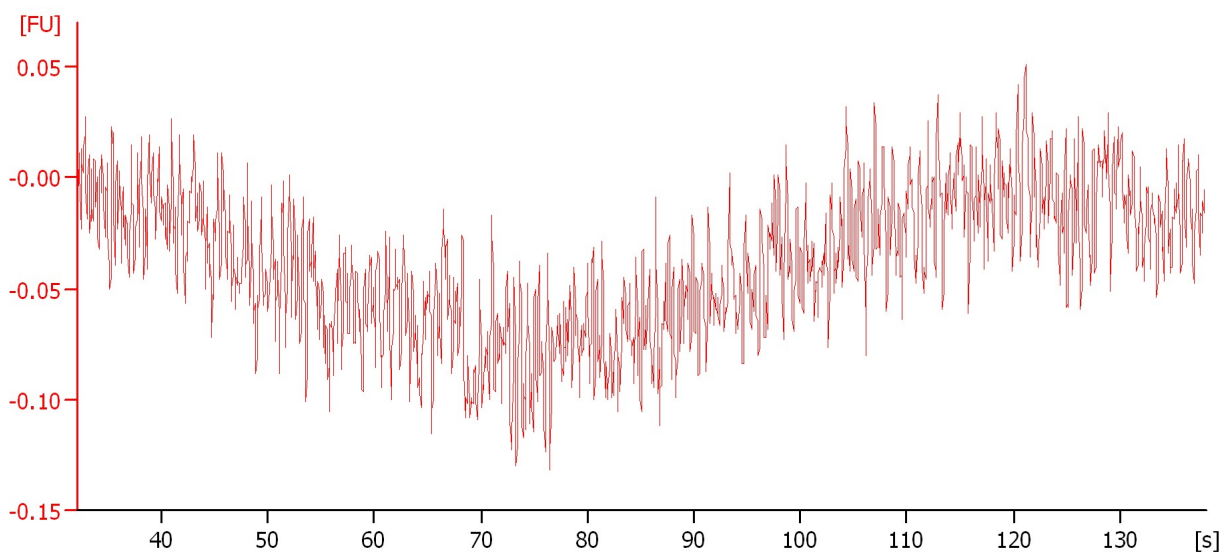
Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
Modified: 1/31/2014 2:58:07 PM

Electropherogram Summary Continued ...

sample miHIEC 2

Overall Results for sample 3 :   sample miHIEC 2

Noise: 0.0

Electropherogram Summary Continued ...

sample miHIEC 4

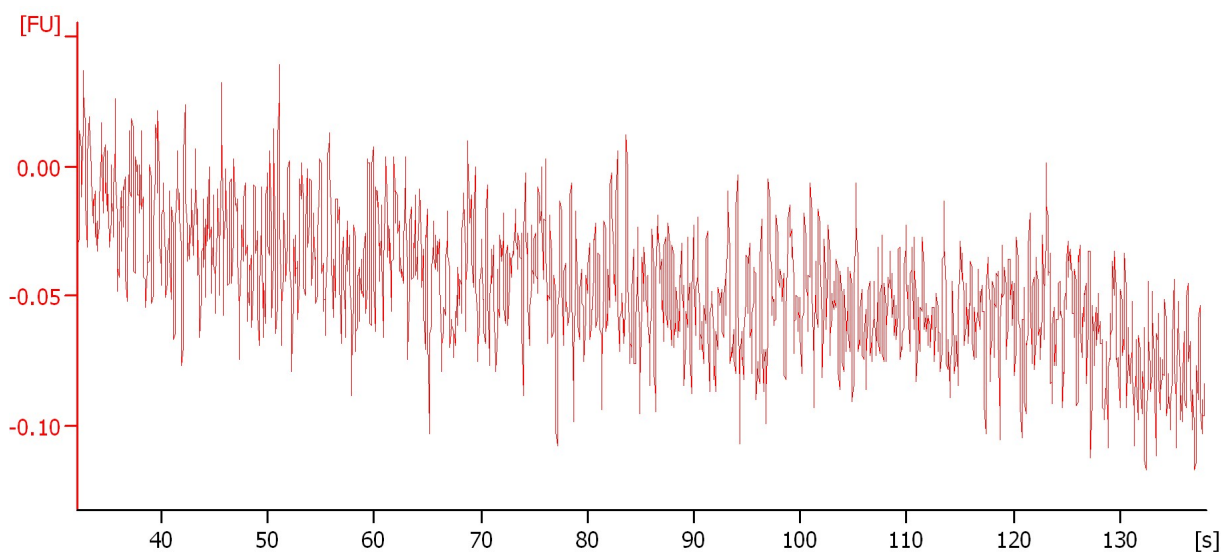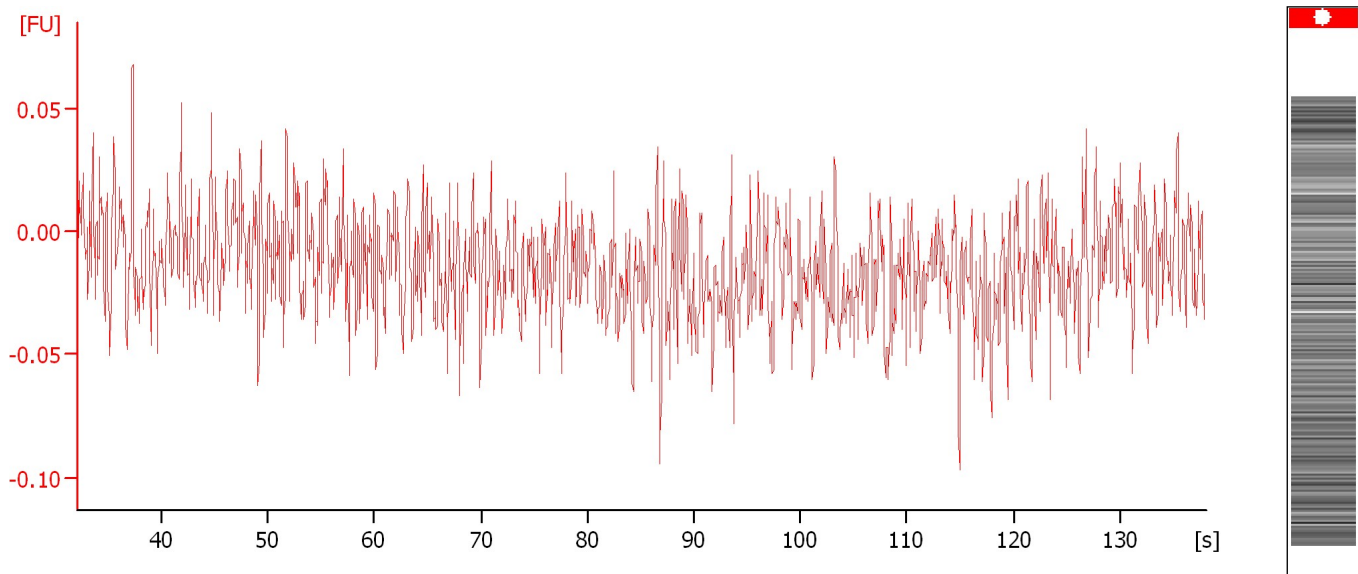**Overall Results for sample 4 :   sample miHIEC 4**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
Modified: 1/31/2014 2:58:07 PM

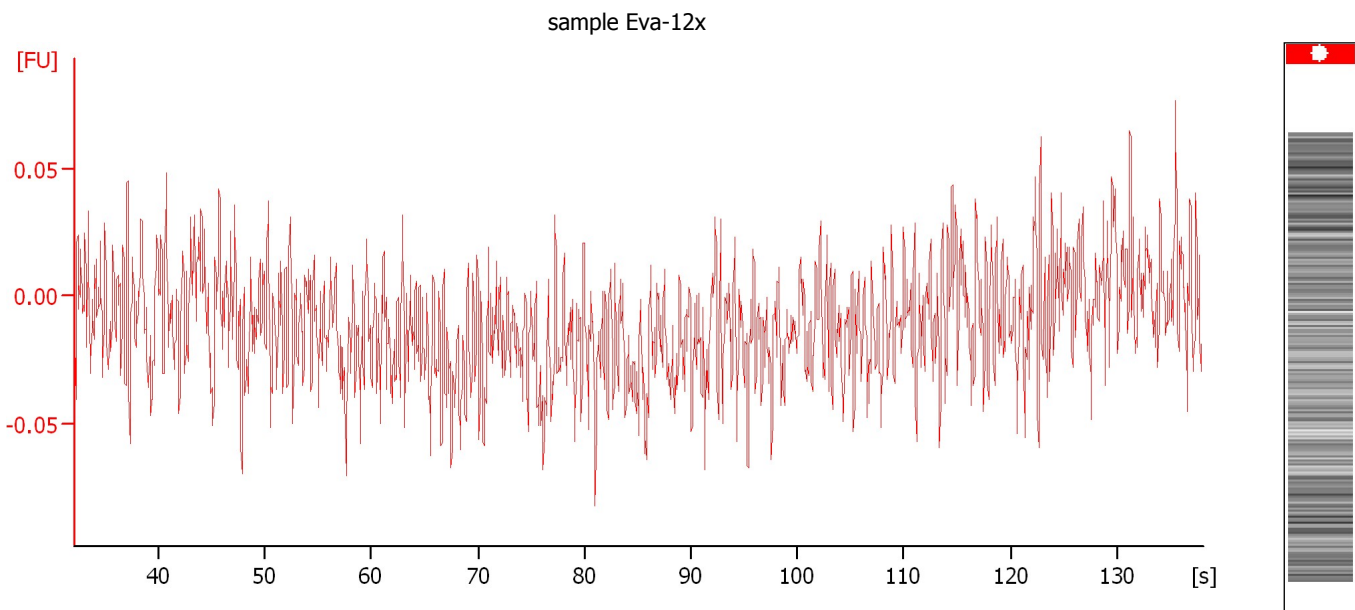**Electropherogram Summary Continued ...**

sample P2-1

Overall Results for sample 5 :   sample P2-1

Noise: 0.0

Electropherogram Summary Continued ...

sample P1box

Overall Results for sample 6 :   sample P1box

Noise: 0.0

Electropherogram Summary Continued ...

sample Eva-12x

Overall Results for sample 7 :   sample Eva-12x

Noise: 0.0

Electropherogram Summary Continued ...

sample Violeta 4

Overall Results for sample 8 :   sample Violeta 4

Noise: 0.0

Electropherogram Summary Continued ...

sample Violeta 19

Overall Results for sample 9 :   sample Violeta 19
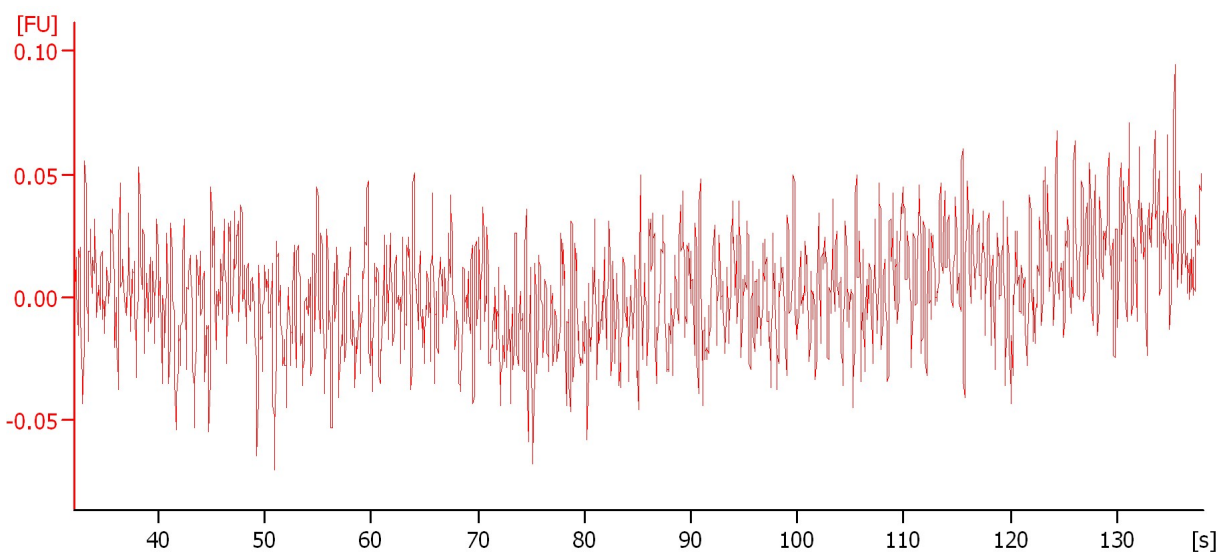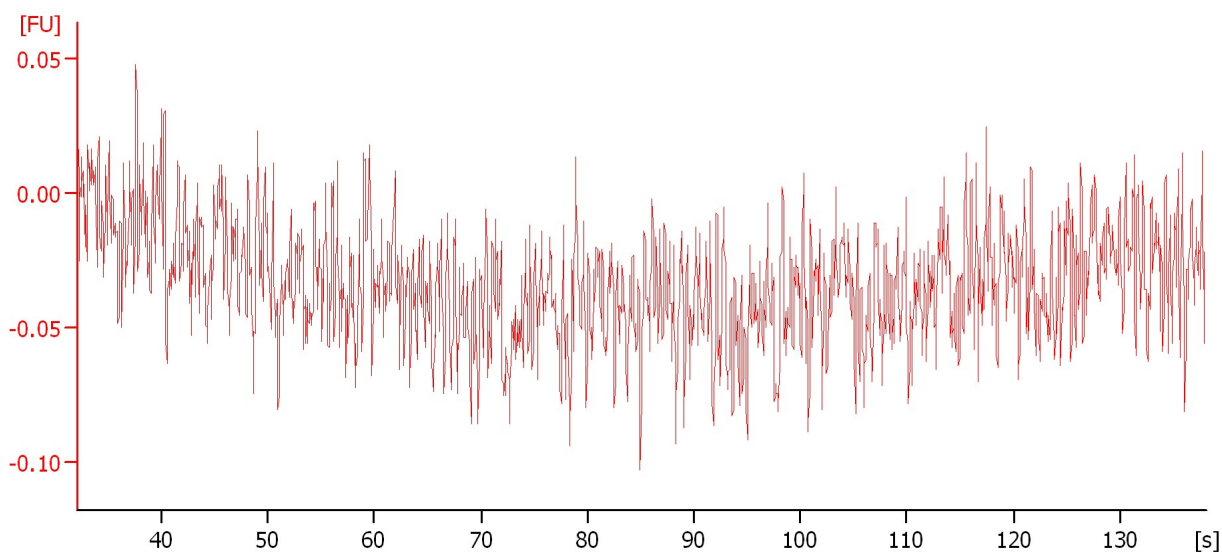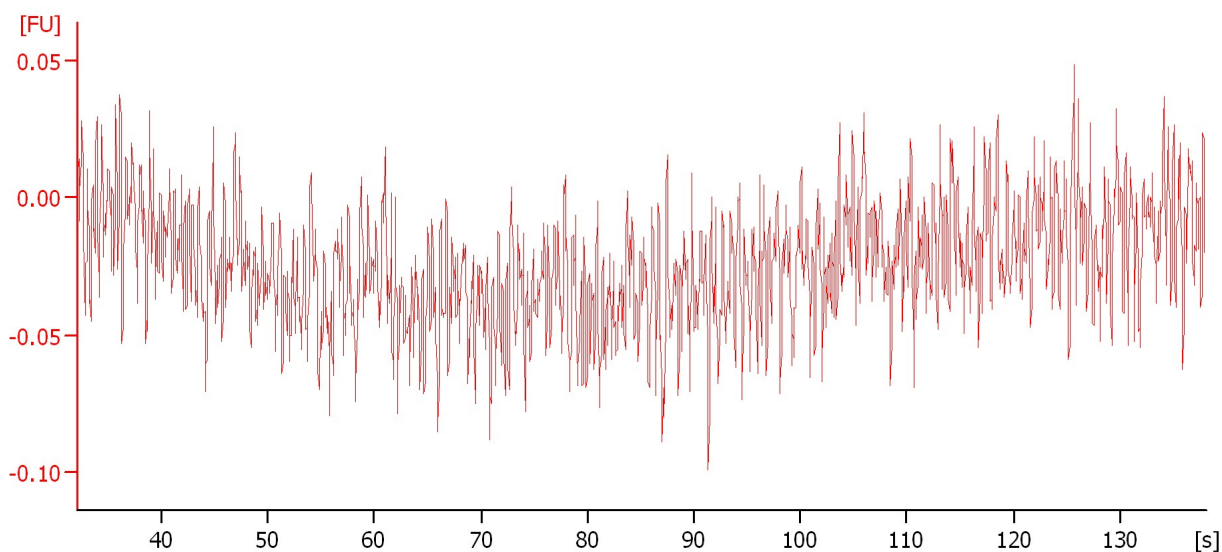
Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
Modified: 1/31/2014 2:58:07 PM

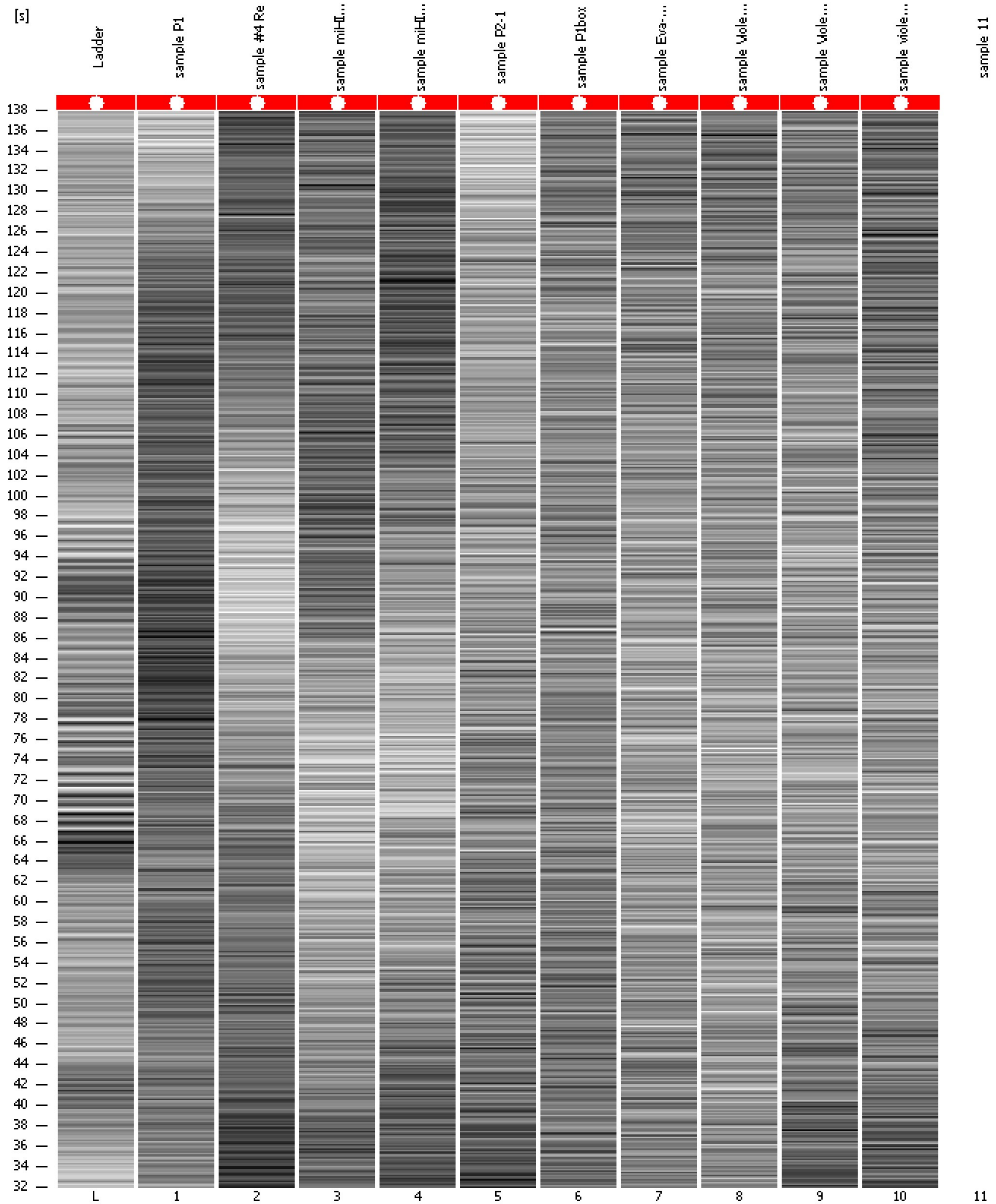**Electropherogram Summary Continued ...**

sample violeta 20

Overall Results for sample 10 :   sample violeta 20

Noise: 0.0

Assay Class: High Sensitivity DNA Assay   Created: 1/31/2014 2:19:15 PM
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad   Modified: 1/31/2014 2:58:07 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ttings\Bioanalyzer\2014-01-31\2014-01-31\2014-01-31_001.xad

Created: 1/31/2014 2:19:15 PM
Modified: 1/31/2014 2:58:07 PM

Invalid Samples

Sample 11 has not been run, no results available.